

# UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0303138N: Consolidated Afloat Network Ent Services(CANES)							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	0.000	45.324	63.563	0.000	63.563	10.270	12.659	14.022	14.255	Continuing	Continuing
9C87: CANES Integration	0.000	45.324	63.563	0.000	63.563	10.270	12.659	14.022	14.255	Continuing	Continuing
Note FY-11 Military Intelligence Program related funding transitions to PE 0303238N.											
A. Mission Description and Budget Item Justification CANES will consolidate and reduce the number of Navy afloat networks with state-of-the-art, high-speed networks and infrastructure. CANES will provide a robust, survivable, secure, scalable Afloat Core Services (ACS) enabled Common Computing Environment (CCE) for ships, submarines, and selected shore sites in addition to providing some proportional capability for aircraft. CANES will provide this ACS enabled CCE capability across all security domains from unclassified through Sensitive Compartmented Information (SCI). CANES is the physical single Program of Record (POR) replacement for the existing afloat networks PORs, Integrated Shipboard Network Systems (ISNS), Combined Enterprise Regional Information Exchange Systems Maritime (CENTRIXS-M), SCI Networks and Submarine LAN (SubLAN). In addition, CANES will provide functionality currently provided in the Video Information Exchange System (VIXS) and portions of Computer Network Defense (CND). CANES will field on a four year hardware baseline and a two year rolling software baseline providing application. The CANES vision is based on the overarching concept of reducing the number of afloat networks and providing enhanced efficiency through a single engineering focus on integrated technical solutions. This will allow for streamlined acquisition, contracting, and test events, and significant lifecycle efficiencies through consolidation of multiple current configuration management baselines, logistics and training efforts into a unified support structure. The primary goals of the CANES program are to: 1) reduce the number of networks through the use of mature, certified, cross domain technologies; 2) reduce the infrastructure footprint and associated costs for hardware afloat; and 3) provide increased capability to meet current and projected warfighter requirements.  CANES will enable application developers to begin decoupling applications and services software away from independent, unique hardware stacks and host them on a common interoperable environment. This approach will incrementally deploy and will provide a basis for overall Navy Return on Investment (ROI) over the existing strategies.  With the evolution of afloat network programs migrating into the CANES program, funding increases will provide even more comprehensive technology capabilities across the fleet. While the networks capabilities of the ISNS, CENTRIXS-M, SubLAN, Automated Digital Network System, and their associated personal computer hardware and software continue to be supported, CANES will reduce the infrastructure footprint and collapse a significant amount of Afloat Networks through the use of mature cross domain technologies. FY11 will focus on CANES System Design and Development (SDD), close out of the SDD phase for transition to Low-											

UNCLASSIFIED

R-1 Line Item #195

Page 1 of 11

# UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy				DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
1319: Research, Development, Test & Evaluation, Navy		PE 0303138N: Consolidated Afloat Network Ent Services(CANES)			
BA 7: Operational Systems Development					
Rate Initial Production (LRIP) phase and LRIP contract development. Initiate acquisition and Capabilities Production Document (CPD) for Milestone (MS) C. Procure two Engineering Development Models (EDM) units in FY11. The EDM units function as pre-production units for Environmental Qualification Test and operational assessment, which require funding for necessary installation design and installation costs.					
FY09 funded in PE 0604231N, project 2307 and PE 0305208N, project 2174.					
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	0.000	45.513	0.000	0.000	0.000
Current President's Budget	0.000	45.324	63.563	0.000	63.563
Total Adjustments	0.000	-0.189	63.563	0.000	63.563
• Congressional General Reductions		-0.189			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Program Adjustments	0.000	0.000	63.563	0.000	63.563
Change Summary Explanation					
Technical: CANES Increment and Configuration Build (C(B)2) language have been removed and acquisition strategy has been modified to identify new versions as Technical Insertion (TI-1, TI-2, etc.).					
Schedule: Program initiation occurs at MS B, following pre-acquisition risk reduction efforts to refine the technological approach. CANES System Design and Development (SDD) contract award shifted one quarter to Q2FY10. Due to the delay of the contract award the schedule has moved to the right, following activities also were shifted to the right: Preliminary Design Review (PDR), Critical Design Review (CDR), Developmental Testing (DT), delivery of Engineering Development Model (EDM).					
FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.					

# UNCLASSIFIED

R-1 Line Item #195

Page 2 of 11

# UNCLASSIFIED

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Navy								<b>DATE:</b> February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0303138N: <i>Consolidated Afloat Network Ent Services(CANES)</i>				<b>PROJECT</b> 9C87: <i>CANES Integration</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
9C87: <i>CANES Integration</i>	0.000	45.324	63.563	0.000	63.563	10.270	12.659	14.022	14.255	Continuing	Continuing
Quantity of RDT&E Articles	0	2	2	0	2	0	0	0	0		
<p><b>Note</b> FY-11 Military Intelligence Program related funding transitions to PE 0303238N.</p> <p><b>A. Mission Description and Budget Item Justification</b> CANES will consolidate and reduce the number of Navy afloat networks with state-of-the-art, high-speed networks and infrastructure. CANES will provide a robust, survivable, secure, scalable Afloat Core Services (ACS) enabled Common Computing Environment (CCE) for ships, submarines, and selected shore sites in addition to providing some proportional capability for aircraft. CANES will provide this ACS enabled CCE capability across all security domains from unclassified through Sensitive Compartmented Information (SCI). CANES is the physical single Program of Record (POR) replacement for the existing afloat networks PORs, Integrated Shipboard Network Systems (ISNS), Combined Enterprise Regional Information Exchange Systems Maritime (CENTRIXS-M), SCI Networks and Submarine LAN (SubLAN). In addition, CANES will provide functionality currently provided in the Video Information Exchange System (VIXS) and portions of Computer Network Defense (CND). CANES will field on a four year hardware baseline and a two year rolling software baseline providing application. The CANES vision is based on the overarching concept of reducing the number of afloat networks and providing enhanced efficiency through a single engineering focus on integrated technical solutions. This will allow for streamlined acquisition, contracting, and test events, and significant lifecycle efficiencies through consolidation of multiple current configuration management baselines, logistics and training efforts into a unified support structure. The primary goals of the CANES program are to: 1) reduce the number of networks through the use of mature, certified, cross domain technologies; 2) reduce the infrastructure footprint and associated costs for hardware afloat; and 3) provide increased capability to meet current and projected warfighter requirements.</p> <p>CANES will enable application developers to begin decoupling applications and services software away from independent, unique hardware stacks and host them on a common interoperable environment. This approach will incrementally deploy and will provide a basis for overall Navy Return on Investment (ROI) over the existing strategies.</p> <p>FY09 funded in PE 0604231N, project 2307 and PE 0305208N, project 2174.</p> <p><b>B. Accomplishments/Planned Program (\$ in Millions)</b></p>											

UNCLASSIFIED

R-1 Line Item #195

Page 3 of 11

**UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development		R-1 ITEM NOMENCLATURE PE 0303138N: Consolidated Afloat Network Ent Services(CANES)		PROJECT 9C87: CANES Integration		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
CANES Integration		0.000	45.324	63.563	0.000	63.563
FY09 funded in PE 0604231N, project 2307 and PE 0305208N, project 2174.						
FY 2010 Plans: Program/budget transition from ISNS Inc 2/CANES to CANES which consolidates afloat networks and enterprise services aboard ships and shore sites. These capabilities include increased availability to mission critical level ships, multiple security enclaves, application hosting, Afloat Core Services (ACS), and collaboration services. Begin required statutory and regulatory programmatic activities required to achieve Milestone B (MS B) and Milestone C (MS C) including acquisition documentation and System Design and Development (SDD) efforts. Conduct Developmental Testing (DT) on CANES. Conduct Preliminary Design Review (PDR) and Critical Design Review (CDR) on CANES. Review and initial operational assessments will be conducted on a minimum of two system developer baselines. CANES ACS version 1.1 will be delivered to the two system developers for integration activities against the proposed development baselines. Develop Cost Analysis Requirements Document (CARD) and Life Cycle Cost Estimate (LCCE) for CANES. Award system development contract on a minimum of two system developer baselines. Procure two Engineering Development Models (EDM) units, which function as non-robust prototypes to be used as lab assets. Prepare Capabilities Production Document (CPD). Achieve MS B. Develop design installation studies and participate in source selection activities.						
FY 2011 Base Plans: Continue CANES statutory and regulatory Acquisition documentation to achieve CANES MS C. Complete revised CARD & LCCE. Procure two Engineering Development Models (EDM) units for Environmental Qualification Test (EQT), operational assessment, integration and regression testing. The EDM units function as pre-production units for EQT and operational assessment, which require additional funding for necessary installation design and installation costs. Continue DT and begin Operational Testing (OT). Close out system development contract and complete down-select of the prime system developer to continue into Low-Rate Initial Production (LRIP).						

**UNCLASSIFIED**

R-1 Line Item #195

Page 4 of 11

# UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0303138N: Consolidated Afloat Network Ent Services(CANES)				PROJECT 9C87: CANES Integration			
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Accomplishments/Planned Programs Subtotals						0.000	45.324	63.563	0.000	63.563	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• OPN/2915: CANES	0.000	1.177	34.398	0.000	34.398	190.528	283.786	323.824	331.648	Continuing	Continuing
• OPN/2925: CANES Intell	0.000	0.000	10.432	0.000	10.432	67.542	74.214	67.144	68.317	Continuing	Continuing
• RDTE/0303238N: CANES MIP	0.000	0.000	8.375	0.000	8.375	7.406	0.000	0.000	0.000	0.000	15.781
D. Acquisition Strategy											
System Design & Development, procurement, integration, and installation efforts for CANES and Afloat Core Services (ACS) are accomplished through various SPAWAR Systems Centers (SSC) and Program Executive Office (PEO) C4I contracts.											
E. Performance Metrics											
Early RDT&E investment and sustainment of dual design contractors through the development phase will save 10-30% of Total Ownership Cost (TOC) over the life cycle of the program. Cost avoidance throughout the life of the program is based on performance gains that are measured (not quantified) by 1) reducing the number of networks through the use of mature, certified, cross domain technologies; 2) reducing the infrastructure footprint and associated costs for hardware afloat; and 3) providing increased capability to meet current and projected warfighter requirements.											

UNCLASSIFIED

R-1 Line Item #195

Page 5 of 11

# UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0303138N: Consolidated Afloat Network Ent Services(CANES)					PROJECT 9C87: CANES Integration				
Product Development (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Primary Hardware Development	C/CPFF	Vendor A TBD TBD	0.000	14.800	Feb 2010	13.000	Nov 2010	0.000		13.000	Continuing	Continuing	Continuing	
Primary Hardware Development	C/CPFF	Vendor B TBD TBD	0.000	14.800	Feb 2010	13.000	Nov 2010	0.000		13.000	Continuing	Continuing	Continuing	
Systems Engineering	C/CPFF	Vendor A TBD TBD	0.000	1.250	Feb 2010	1.500	Nov 2010	0.000		1.500	Continuing	Continuing	Continuing	
Systems Engineering	C/CPFF	Vendor B TBD TBD	0.000	1.250	Feb 2010	1.500	Nov 2010	0.000		1.500	Continuing	Continuing	Continuing	
Systems Engineering	WR	SPAWAR Systems Center San Diego, CA and Charleston, SC	0.000	6.713	Feb 2010	4.400	Dec 2010	0.000		4.400	Continuing	Continuing	Continuing	
Systems Engineering	C/CPFF	Vendor C TBD TBD	0.000	0.000		17.600	Feb 2011	0.000		17.600	Continuing	Continuing	Continuing	
Subtotal			0.000	38.813		51.000		0.000		51.000				
Remarks														

# UNCLASSIFIED

R-1 Line Item #195

Page 6 of 11

**UNCLASSIFIED**

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy										DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0303138N: Consolidated Afloat Network Ent Services(CANES)				PROJECT 9C87: CANES Integration			

**Test and Evaluation (\$ in Millions)**

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Test & Evaluation	C/CPFF	Vendor A TBD TBD	0.000	0.500	Feb 2010	1.000	Nov 2010	0.000		1.000	Continuing	Continuing	Continuing
Development Test & Evaluation	C/CPFF	Vendor B TBD TBD	0.000	0.500	Feb 2010	1.000	Nov 2010	0.000		1.000	Continuing	Continuing	Continuing
Operational Test & Evaluation	WR	COMOPTEVFOR Norfolk, VA and Washington, DC	0.000	0.200	Jan 2010	0.200	Dec 2010	0.000		0.200	Continuing	Continuing	Continuing
Operational Test & Evaluation	C/CPFF	Vendor C TBD TBD	0.000	0.000		8.263	Feb 2011	0.000		8.263	Continuing	Continuing	Continuing
<b>Subtotal</b>			0.000	1.200		10.463		0.000		10.463			

**Remarks**

**Management Services (\$ in Millions)**

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	WR	SPAWAR Systems Center San Diego, CA and Charleston, SC	0.000	1.811	Feb 2010	1.000	Nov 2010	0.000		1.000	Continuing	Continuing	Continuing
		Various	0.000	3.500	Oct 2009	1.100	Oct 2010	0.000		1.100	Continuing	Continuing	Continuing

**UNCLASSIFIED**

R-1 Line Item #195

Page 7 of 11

**UNCLASSIFIED**

<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2011 Navy</b>											<b>DATE:</b> February 2010		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0303138N: <i>Consolidated Afloat Network Ent Services(CANES)</i>				<b>PROJECT</b> 9C87: <i>CANES Integration</i>					
<b>Management Services (\$ in Millions)</b>													
				<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Program Management Support	Various/ Various	Various											
<b>Subtotal</b>			0.000	5.311		2.100		0.000		2.100			
<b>Remarks</b>													
			<b>Total Prior Years Cost</b>	<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			0.000	45.324		63.563		0.000		63.563			
<b>Remarks</b>													

**UNCLASSIFIED**



# UNCLASSIFIED

**Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy**

**DATE:** February 2010

## APPROPRIATION/BUDGET ACTIVITY

1319: *Research, Development, Test & Evaluation, Navy*  
BA 7: *Operational Systems Development*

## R-1 ITEM NOMENCLATURE

PE 0303138N: *Consolidated Afloat Network Ent Services(CANES)*

## PROJECT

9C87: *CANES Integration*

Fiscal Year	2009				2010 (see note 1)				2011				2012				2013				2014				2015								
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Acquisition Milestones (see note 4)					CANES Transition △		CANES MS B △					CANES MS C △	IOC △			CANES FRP DR △																	
System Development (see note 4)							PDR △	CDR △																									
							CANES System Development - Surface												CANES System Dev - Sub								CANES TI-1 Sys Dev						
Software Development ACS (See Note 3)							ACS v 1.1																										
Test & Evaluation Milestones																																	
Development Test								DT																			DT TI-1						
Operational Test													OT (LRIP)						FOT&E														
Production Milestones																																	
LRIP												CANES LRIP																					
FRP																	CANES FRP																
Deliveries (see note 4,5)							ACS 1.1 △	CANES EDM Unit △				LRIP				LRIP			FRP △									FRP △					

### Notes:

1/ FY10 efforts funded under PE 0303138N.

2/ EDM Unit included in LRIP quantities to meet Target Inventory Objective, prior to MS C.

3/ ACS v1.1 software development funded by ISNS.

4/CANES System Design and Development (SDD) contract award shifted one quarter to Q2FY10. Due to the delay of the contract award the schedule has moved to the right, following activities also were shifted to the right: Initial Operational Capability (IOC), Preliminary Design Review (PDR), Critical Design Review (CDR), Developmental Testing (DT), Operational Testing (OT), Low-Rate Initial Production (LRIP), delivery of Engineering Development Models (EDM).

5/ACS v1.1 delivery date has been corrected.

# UNCLASSIFIED

R-1 Line Item #195

Page 9 of 11

# UNCLASSIFIED

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2011 Navy			<b>DATE:</b> February 2010
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0303138N: <i>Consolidated Afloat Network Ent Services(CANES)</i>	<b>PROJECT</b> 9C87: <i>CANES Integration</i>	

## Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Acquisition Milestone - CANES MS B	3	2010	3	2010
Acquisition Milestone - CANES Transition	1	2010	1	2010
Acquisition Milestone - CANES MS C	4	2011	4	2011
Acquisition Milestone - IOC	1	2012	1	2012
Acquisition Milestone - FRP Decision Review	4	2012	4	2012
System Development - Surface	2	2010	2	2011
System Development - PDR	3	2010	3	2010
System Development - CDR	4	2010	4	2010
System Development - Subs	2	2013	1	2014
System Development - Technical Insertion 1	2	2015	4	2015
Development Test	3	2010	2	2011
Development Test - Technical Insertion 1	3	2015	4	2015
OperationalTest - (LRIP)	4	2011	4	2012
OperationalTest - FOT&E	2	2013	2	2014
Production Milestone - LRIP	3	2011	4	2012
Production Milestone - FRP	1	2013	4	2015
Deliveries - CANES EDM Unit	4	2010	4	2010
Deliveries - CANES EDM Unit (EQT)	4	2011	4	2011

# UNCLASSIFIED

R-1 Line Item #195

Page 10 of 11

**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2011 Navy			<b>DATE:</b> February 2010																									
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>		<b>R-1 ITEM NOMENCLATURE</b> PE 0303138N: <i>Consolidated Afloat Network</i> <i>Ent Services(CANES)</i>		<b>PROJECT</b> 9C87: <i>CANES Integration</i>																								
		<table> <tr> <th rowspan="2">Event</th><th colspan="2">Start</th><th colspan="2">End</th></tr> <tr> <th>Quarter</th><th>Year</th><th>Quarter</th><th>Year</th></tr> <tr> <td>Deliveries - LRIP</td><td>4</td><td>2011</td><td>4</td><td>2012</td></tr> <tr> <td>Deliveries - FRP</td><td>3</td><td>2013</td><td>4</td><td>2015</td></tr> <tr> <td>Deliveries - ACS 1.1</td><td>3</td><td>2010</td><td>3</td><td>2010</td></tr> </table>			Event	Start		End		Quarter	Year	Quarter	Year	Deliveries - LRIP	4	2011	4	2012	Deliveries - FRP	3	2013	4	2015	Deliveries - ACS 1.1	3	2010	3	2010
Event	Start		End																									
	Quarter	Year	Quarter	Year																								
Deliveries - LRIP	4	2011	4	2012																								
Deliveries - FRP	3	2013	4	2015																								
Deliveries - ACS 1.1	3	2010	3	2010																								

**UNCLASSIFIED**

R-1 Line Item #195

Page 11 of 11